

Abstract of the Disclosure

Modular acetabular reconstruction apparatus includes a generally cup-shaped portion adapted for fixation within a human pelvis and one or malleable extension arms adjustable in multiple dimensions. Each arm preferably includes one or more apertured sections spaced apart from one another by a necked-down section enabling each arm to be manipulated in three dimensions for intimate physical conformity with surrounding bone. The back surface of the generally cup-shaped portion may be adapted for a cemented or a non-cemented interface within a human pelvis; as such, the back surface may be adapted for porous bone in-growth. According to a disclosed method, the step of bending each arm in multiple dimensions may be carried out a part of a trial joint reduction. Various bending tools and techniques are also set forth.